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JCS971 U.S. PTO

01-16-01

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NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)

Duplicate  
(check, if applicable)

Assistant Commissioner for Patents  
**BOX PATENT APPLICATION**  
Washington, DC 20231

**Attorney Docket No. 10147-66 (MPI2000-535OMNI)**  
**First Named Inventor: Sean A. McCarthy**  
**Express Mail Label No. EL631611352US**  
**Total Pages of Transmittal Form: 2**

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC,  
PREVENTIVE, THERAPEUTIC, AND OTHER USES**

which is:

an  Original; or  
a  Continuation,  Divisional, or  Continuation-in-part (CIP)

of prior Application No. 09/479,249, filed on January 7, 2000; and a continuation-in-part of U.S. Application serial number 09/559,497, filed on April 27, 2000; and a continuation-in-part of U.S. Application 09/578,063, filed on May 24, 2000, which is a continuation-in-part of U.S. Application 09/333,159, filed on June 14, 1999; and a continuation-in-part of U.S. Application 09/596,194, filed on July 14, 2000, which is a continuation-in-part of U.S. Application 09/342,364, filed on June 29, 1999; and a continuation-in-part of U.S. Application 09/608,452, filed on June 30, 2000, which is a continuation-in-part of U.S. Application 09/393,996, filed on September 10, 1999; and a continuation-in-part of U.S. Application 09/602,871, filed on June 23, 2000, which is a continuation-in-part of U.S. Application 09/420,707, filed on October 19, 1999.

Enclosed are:

- Specification (including Abstract) and claims: 373 pages.
- Application Data Sheet.
- Non-executed Declaration.
- 361 sheets of drawings (formal).
- Nucleotide and/or Amino Acid Sequence Submission, including:  
 Computer readable copy  Paper Copy (354 pgs.)  Verified Statement.

09/759130  
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The filing fee is calculated as follows:

			SMALL ENTITY				LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:				BASIC FEE:	
			\$355				\$710	
Total	85-20 =	65	X9	\$	OR	X18	\$	1170
Independent	2 - 3 =	0	X40	\$	OR	X80	\$	
[ ] Multiple Dependent Claims Present			\$135	\$	OR	\$270	\$	
			<b>TOTAL</b>	\$	OR	<b>TOTAL</b>	\$	<b>1880</b>

[ ] The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts.

[ ] A check in the amount of \$ \_\_\_\_\_.00 to cover the filing fee is enclosed.

[X] The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 210147.0066)** as noted below. A duplicate copy of this sheet is enclosed.

[X] Any overpayments or deficiencies in the above-calculated fee.

[X] Filing fee in the amount of **\$1880** as calculated above.

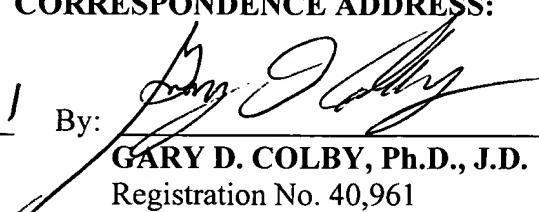
[X] Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.

[X] In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

**CORRESPONDENCE ADDRESS:**

12 January 2001

By:

  
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Enclosures